

APPARATUS FOR PROVIDING POWER TO LINE DRIVERS IN A COMMUNICATION SYSTEM

ALCATEL 135733

Express Mail No. EK034421930US

DDM00-035

ABSTRACT OF THE DISCLOSURE

5 The apparatus for provides power to selected line drivers in a communication system. Each
selected line driver has a respective inherent internal voltage drop. Each selected line driver is
coupled with a respective communication loop for providing a respective minimum operational
voltage to the respective communication loop. The apparatus includes: (a) a control means coupled
with the selected line driver devices for controlling supply voltage to the selected line drivers; and
10 (b) a power supply means coupled with the control means and with the selected line driver devices
and cooperating with the control means to deliver a respective supply voltage to respective selected
line driver devices. The respective supply voltage is at least equal with the respective minimum
operational voltage less the respective inherent internal voltage drop for each respective selected line
driver device.